

AMENDMENTS TO THE CLAIMS

1. (Original) A rubber composition comprising 100 parts by weight of a rubber component containing a modified conjugated diene-based polymer having a fullerene bonded thereto in the molecule and a weight average molecular weight of 50,000 or more in an amount of 0.5 to 100% by weight based upon the total amount of the rubber component and 5 to 100 parts by weight of a reinforcing filler.

2. (Original) A rubber composition as claimed in claim 1, wherein the amount of the fullerene bonded to the modified conjugated diene-based polymer is 0.001 to 2 molecules per one molecular chain of the modified conjugated diene-based polymer.

3. (Currently Amended) A rubber composition as claimed in claim 1-~~or~~2, further comprising 0.1 to 10 parts by weight of a vulcanizing agent, based upon 100 parts by weight of the rubber component.

4. (Currently Amended) A rubber composition as claimed in ~~any one of claims 1 to 3~~ claim 1, wherein the modified conjugated diene-based polymer is synthesized by reacting the growing terminal anions formed by an anion polymerization of the conjugated diene-based polymer and a fullerene.

5. (Currently Amended) A rubber composition as claimed in ~~any one of claims 1 to 4~~ claim 1, wherein the modified conjugated diene-based polymer is synthesized by reacting the growing terminal anions formed by an anion polymerization of an aromatic vinyl monomer and a conjugated diene monomer with a fullerene.

6. (Original) A rubber composition as claimed in claim 5, wherein the aromatic vinyl monomer unit forms 10 to 80% by weight of the modified conjugated diene-based polymer.